JC17 Rec'd PCT/PTO 0 4 MAY 2001 FORM PTO-1390 (Modified) REV 11-2000) U.S. DEPARTME COMMERCE PATENT AND TRADEMARK OFFICE PF8c TRANSMITTAL LETTEN SEO O THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 831061 CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/FR99/02734 08 NOV 1999 (08.11.99) 06 NOV 1998 (06.11.98) TITLE OF INVENTION USE OF ENTEROBACTERIUM PROTEIN OmpA FOR SPECIFIC TARGETING TOWARDS ANTIGEN-PRESENTING CELLS APPLICANT(S) FOR DO/EO/US BONNEFOY, Jean-Yves; LECOANET, Sybille; AUBRY, Jean-Pierre; JEANNIN, Pascale; BAUSSANT, Thierry Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: \boxtimes This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. Ø This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), 3. (9) and (24) indicated below. The US has been elected by the expiration of 19 months from the priority date (Article 31). 4. A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) 5. a. \square is attached hereto (required only if not communicated by the International Bureau). b. 🛛 has been communicated by the International Bureau. c. 🗆 is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🛛 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). ъ. 🗆 have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. 🗆 have not been made and will not be made. 8. \boxtimes An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. \boxtimes An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). \boxtimes 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 20 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. X A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification.

- 18. A change of power of attorney and/or address letter.
- 19. \boxtimes A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
- 20. A second copy of the published international application under 35 U.S.C. 154(d)(4).
- 21. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- 22. \boxtimes Certificate of Mailing by Express Mail
- 23. Other items or information:

U.S. A	PPLICA?	COIT	NO (IF KNOW	7N, S	EE 3	INTERNATIONAL PCT/F	APPLICAT		IO.			DOCKET NUMBER PCTSEQ		
24.	TI	ne foll	owing fees a	re su	bmitted:.					CA	<u> </u>	S PTO USE ONLY		
BASI	C NATI	ONA	L FEE (37 C	FR	1.492 (a) (1) -					<u> </u>	Beekillor	I TO OBE ONET		
	interna	tional	search fee (3	7 CF	R 1.445(a)(2))	n fee (37 CFR 1.482) paid to USPTO by the EPO or JPO			\$1000.00					
⊠	Interna USPTC	tional) but I	preliminary on ternational S	exam Searc	nination fee (37 ch Report prep	CFR 1.482) not paid ared by the EPO or JF	l to PO		\$860.00					
	☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO						\$710.00							
	Internation but all	tional claims	preliminary of did not satis	exam	ination fee (37 ovisions of PC	CFR 1.482) paid to UT Article 33(1)-(4)	USPTO	••	\$690.00		•			
	Internation	tional claim	s satisfied pro	ovisi	ons of PCT Ar	CFR 1.482) paid to Uticle 33(1)-(4)	• • • •		\$100.00	<u> </u>		1		
:			ENTER	RA	PPROPRI	ATE BASIC FI	EE AM	OUN	IT =		\$860.00			
month	s from th	130.0 ne ear	liest claimed	prior	ity date (37 C		□ 2·	0	□ 30		\$0.00			
CL	AIMS		NUM	BEI	R FILED	NUMBER EX	TRA		RATE	_		T		
Total o				24	- 20 =	4		х	\$18.00	ļ	\$72.00			
	endent cl		01: (1	3	- 3 =	0		х	\$80.00		\$0.00			
Multip	ole Depe	ndent	Claims (chec			ABOVE CAL	CIII AT	L	<u> </u>	<u> </u>	\$0.00 \$932.00			
	Annlicant	clain	ns small entit			FR 1.27). The fees ind				 	3932.00			
	educed b	y 1/2.		, s.u.		TO 1.27). The rees mo					\$0.00			
							SUB	гот	<u> </u>	ļ	\$932.00			
Proces	sing fee s from th	of \$1. ie earl	30.00 for furn liest claimed p	ishir prior	ng the English ity date (37 C	translation later than FR 1.492 (f)).	☐ 20	0	□ 30 +		\$0.00			
ī						TOTAL NAT	TIONAL	LFE	E =		\$932.00			
Fee for	r recordi panied b	ng the	enclosed ass	ignn ver	nent (37 CFR 1 sheet (37 CFR	.21(h)). The assignm 3.28, 3.31) (check if	nent must b applicabl	e).			\$0.00			
NJ, ,pu						TOTAL FEES	ENCL	OSE	E D =		\$932.00			
h may											ount to be: refunded	\$		
2											charged	\$		
a.	×	A che	eck in the ame	ount	of \$932	.00 to cover the	above fee	s is en	closed.					
b.					sit Account N s sheet is enclo		in the am	ount o	f	to cover the above fees.				
c.			Commissioner posit Accoun					s which may be required, or credit any overpayment sheet is enclosed.						
d.	_	Fees	are to be char	ged	to a credit card	. WARNING: Inform	nation on t	his fo	rm may bec	-				
NOTE 1.137(a	: Wher a) or (b)	e an a) mus	ippropriate t t be filed and	ime I gra	limit under 3' inted to restoi	7 CFR 1.494 or 1.495 te the application to	5 has not be pending s	oeen n tatus.	net, a petiti	on to	revive (37 CF	R		
SEND	ALL CO	RRE	SPONDENC	E TO):		-			. .	101/	200		
	G. Patrick Sage THE FIRM OF HUESCHEN AND SAGE							G. PATRICK SAGE						
	500 Columbia Plaza						G. PATRICK SAGE							
	ast Micl nazoo, N	_						NAME						
124141	nuzoo, n	,11 4 <i>)</i>	007					37,7						
								REC	GISTRATIC	N NC	JMBER			
									y 4, 2001					
								DA						

09/831061

		JO	ec'a r	CT/PIQ. Q.A MAY 2001							
CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) DOCKET NO. "IN 1 200											
Applicant(s): Jean-Yves		PF86PCTSEQ									
Serial No.	Filing Date	Examiner		Group Art Unit							
Invention: USE OF EN ANTIGEN-PRESENTING	TEROBACTERIUM PROTEIN (G CELLS	OmpA FOR SPECIFIC TARG	ETIN	G TOWRARDS							
is being deposited wit	is National Phase Patent Applic	(Identify type of correspondence) ce "Express Mail Post Office	to Add								
37 CFR 1.10 in an er	May 4, 2001 (Date)	missioner of Patents and Tra	adema	rks, Washington, D.C.							
	Diane L. Newton (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) ET263825999US ("Express Mail" Mailing Label Number)										
Note: Each paper must have its own certificate of mailing.											

09/831061 JC18 Rec'd PCT/PTO 0 4 MAY 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

U.S. National Serial No.:

Filed:

PCT International Application No.:

PCT/FR99/02734

VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below;

That I am knowledgeable in the French language in which the below identified international application was filed, and that, to the best of my knowledge and belief, the English translation of the amended sheets of the international application No. PCT/FR99/02734 is a true and complete translation of the amended sheets of the above identified international application as filed.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application issued thereon.

Date: March 27, 2001

Full name of the translator:

Elaine Patricia PARRISH

For and on behalf of RWS Group plc

Post Office Address:

Europa House, Marsham Way,

Gerrards Cross, Buckinghamshire,

England.